

Dongyan Chen

List of Publications by Year in descending order

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77
papers

930
citations

623188

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all docs

77
docs citations

77
times ranked

672
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation, filtering and fusion for networked systems with network-induced phenomena: New progress and prospects. <i>Information Fusion</i> , 2016, 31, 65-75.	11.7	137
2	State estimation for a class of discrete nonlinear systems with randomly occurring uncertainties and distributed sensor delays. <i>International Journal of General Systems</i> , 2014, 43, 387-401.	1.2	120
3	Design of Sliding-Mode-Based Control for Nonlinear Systems With Mixed-Delays and Packet Losses Under Uncertain Missing Probability. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 3217-3228.	5.9	101
4	Sliding mode control for Markovian jump repeated scalar nonlinear systems with packet dropouts: The uncertain occurrence probabilities case. <i>Applied Mathematics and Computation</i> , 2019, 362, 124574.	1.4	61
5	A recursive approach to non-fragile filtering for networked systems with stochastic uncertainties and incomplete measurements. <i>Journal of the Franklin Institute</i> , 2015, 352, 1946-1962.	1.9	41
6	Non-fragile consensus control for nonlinear multi-agent systems with uniform quantizations and deception attacks via output feedback approach. <i>Nonlinear Dynamics</i> , 2019, 96, 243-255.	2.7	38
7	Finite-time memory fault detection filter design for nonlinear discrete systems with deception attacks. <i>International Journal of Systems Science</i> , 2020, 51, 1464-1481.	3.7	37
8	Robust adaptive sliding mode control for discrete singular systems with randomly occurring mixed time-delays under uncertain occurrence probabilities. <i>International Journal of Systems Science</i> , 2020, 51, 987-1006.	3.7	32
9	A Sampled-data Approach to Robust H^∞ State Estimation for Genetic Regulatory Networks with Random Delays. <i>International Journal of Control, Automation and Systems</i> , 2018, 16, 491-504.	1.6	30
10	Variance-constrained filtering for discrete-time genetic regulatory networks with state delay and random measurement delay. <i>International Journal of Systems Science</i> , 2019, 50, 231-243.	3.7	27
11	New delay-dependent stability criteria of genetic regulatory networks subject to time-varying delays. <i>Neurocomputing</i> , 2016, 207, 763-771.	3.5	23
12	Coordination of a supply chain with consumer return under vendor-managed consignment inventory and stochastic demand. <i>International Journal of General Systems</i> , 2016, 45, 502-516.	1.2	18
13	Resilient state estimation for nonlinear complex networks with time-delay under stochastic communication protocol. <i>Neurocomputing</i> , 2019, 346, 38-47.	3.5	16
14	An Event-Triggered Approach to Robust Fault Detection for Nonlinear Uncertain Markovian Jump Systems with Time-Varying Delays. <i>Circuits, Systems, and Signal Processing</i> , 2020, 39, 3445-3469.	1.2	16
15	Resilient Set-membership State Estimation for Uncertain Complex Networks with Sensor Saturation under Round-Robin Protocol. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 3035-3046.	1.6	15
16	Observer-based sliding mode control for networked systems subject to communication channel fading and randomly varying nonlinearities. <i>Neurocomputing</i> , 2021, 437, 312-324.	3.5	15
17	Non-fragile set-membership estimation for sensor-saturated memristive neural networks via weighted try-and-discard protocol. <i>IET Control Theory and Applications</i> , 2020, 14, 1671-1680.	1.2	15
18	Protocol-Based Fault Detection for Discrete Delayed Systems With Missing Measurements: The Uncertain Missing Probability Case. <i>IEEE Access</i> , 2018, 6, 76616-76626.	2.6	12

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37	Quantized Sliding Mode Control for Networked Markovian Jump Systems under Round-robin Protocol: The Output Feedback Case. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 2674-2686.	1.6	4
38	New Stability Criterion for Discrete-Time Genetic Regulatory Networks with Time-Varying Delays and Stochastic Disturbances. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-13.	0.6	3
39	Finite-Time Nonfragile Dissipative Control for Discrete-Time Neural Networks with Markovian Jumps and Mixed Time-Delays. <i>Complexity</i> , 2019, 2019, 1-17.	0.9	3
40	Application of optimal control to the dynamic advertising decisions for supply chain with multiple delays. <i>Systems Science and Control Engineering</i> , 2020, 8, 141-152.	1.8	3
41	Competition among supply chains: the choice of financing strategy. <i>Operational Research</i> , 2022, 22, 977-1000.	1.3	3
42	Resilient Distributed Filtering for Discrete Time-varying Systems with Missing Measurements and Stochastic Uncertainties. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 1807-1818.	1.6	3
43	Finite-Time Stabilization of Multi-rate Networked Control System Based on Predictive Control. <i>Circuits, Systems, and Signal Processing</i> , 0, , 1.	1.2	3
44	Annulus-Event-Based Finite-Time Fault Detection for Discrete-Time Nonlinear Systems with Probabilistic Interval Delay and Randomly Occurring Faults. <i>Circuits, Systems, and Signal Processing</i> , 2022, 41, 4818-4847.	1.2	3
45	Finite-time fault detection for discrete nonlinear systems with time-varying delays under the dynamic event-triggered mechanism. <i>International Journal of Robust and Nonlinear Control</i> , 0, , .	2.1	3
46	Distributed Variance-Constrained Filtering for Time-Varying Systems with Multiplicative Noises and Randomly Occurring Nonlinearities over Sensor Networks. , 2018, , .		2
47	Distributed Filtering with Communication Constraints, Randomly Occurring Nonlinearities and Correlated Noises Over Sensor Networks. , 2019, , .		2
48	Partial-nodes-based state estimation for linear complex networks with randomly occurring sensor delay and stochastic coupling strength. <i>Systems Science and Control Engineering</i> , 2021, 9, 219-231.	1.8	2
49	Asymptotic stability and continuity of nonlinear hybrid stochastic differential equation with randomly occurring delay. <i>Stochastics</i> , 2022, 94, 163-190.	0.6	2
50	Store-Assistance Management for a Supply Chain with Consumer Return under Consignment Contract. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-12.	0.6	1
51	Optimal dynamic promotion strategies in the multiple competing supply chains. <i>Systems Science and Control Engineering</i> , 2018, 6, 398-408.	1.8	1
52	Finite-Time Boundedness Control for Nonlinear Networked Systems with Randomly Occurring Multi-Distributed Delays and Missing Measurements. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-13.	0.6	1
53	A study of dynamic joint promotion strategies in the distribution channel. <i>Systems Science and Control Engineering</i> , 2018, 6, 409-420.	1.8	1
54	Resilient state estimation for complex networks under stochastic communication protocol. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
55	A Recursive Approach to Event-based Resilient Filtering for Time-varying Systems with Stochastic Uncertainties. , 2018, , .		1
56	Delay-fractioning-based sliding mode control for uncertain nonlinear systems with probabilistic interval delay. , 2019, , .		1
57	Robust Protocol-Based Consensus Control of Time-Varying Uncertain Multiagent Systems Subject to Missing Measurements. Complexity. 2019, 2019, 1-13.	0.9	1
58	Dynamic model of a supply chain network with sticky price. Operational Research, 2020, 20, 649-670.	1.3	1
59	Why and How Does a Supplier Choose Factoring Finance?. Mathematical Problems in Engineering, 2020, 2020, 1-14.	0.6	1
60	Set-membership filtering for a class of nonlinear complex networks with mixed time-delays and incomplete measurements. Systems Science and Control Engineering, 2020, 8, 265-276.	1.8	1
61	Annulus-event-based fault detection for state-saturated nonlinear systems with time-varying delays. Journal of the Franklin Institute, 2021, 358, 8061-8084.	1.9	1
62	Quantised control of delayed Markovian jump systems with partly known transition probabilities. IET Control Theory and Applications, 2021, 15, 372-389.	1.2	1
63	Finite-time asynchronous sliding mode control for Markov jump systems with actuator saturation. Systems Science and Control Engineering, 2021, 9, 748-763.	1.8	1
64	Adaptive fuzzy H ∞ stabilization for a class of nonlinear time-delay systems. , 2008, , .		0
65	Recursive filtering with stochastic uncertainties and incomplete measurements. , 2014, , .		0
66	Robust H ∞ sliding mode control for uncertain time-delay stochastic system with packet losses. , 2014, , .		0
67	New delay-dependent stability condition of genetic regulatory networks with time-varying delays and stochastic perturbations. , 2016, , .		0
68	The study of channel members advertising strategies subject to Nerlove-Arrow model with lagged effect. , 2016, , .		0
69	Robust stability analysis of delayed genetic regulatory networks with linear fractional parametric uncertainties. , 2016, , .		0
70	Finite-time H ∞ bounded estimation for memristive recurrent neural networks with randomly occurring time-delay and missing measurements. , 2017, , .		0
71	Robust sliding mode control for discrete delayed systems with randomly varying nonlinearities under uncertain occurrence probability. , 2017, , .		0
72	Robust state estimation for delayed genetic regulatory networks using sampled-data. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
73	Consensus Control of Multi-agent Systems with Round-robin Protocol and Missing Measurements: The Finite-horizon Case. , 2019, , .		0
74	Robust adaptive sliding mode control for delayed singular systems with randomly occurring uncertainty: the uncertain probability case. , 2019, , .		0
75	Quantized Fault Detection for Linear Uncertain Delayed Markovian Jump Systems subject to Missing Measurements. , 2019, , .		0
76	A Dynamic Event-Triggered Method to Distributed Filtering with Switching Nonlinearities and Redundant Channels. , 2020, , .		0
77	Partial-Nodes-Based State Estimation for Stochastic Coupled Complex Networks with Random Sensor Delay: An Event-Triggered Communication Method. Circuits, Systems, and Signal Processing, 0, , .	1.2	0